

## PATENT ABSTRACTS OF JAPAN

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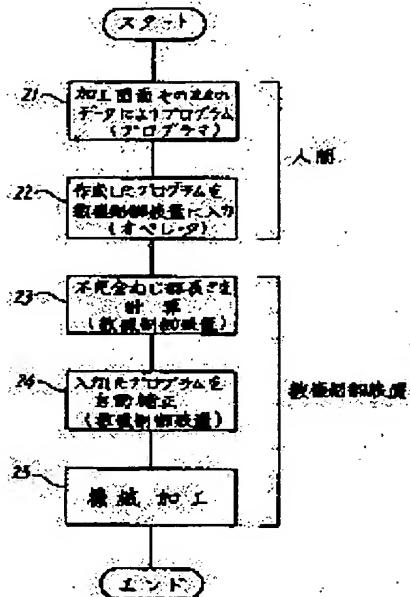
(21)Application number : 55-154204  
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(72)Inventor : SHIMIZU YUTAKA  
OSHITA MITSUAKI

## (54) NUMERIC CONTROLLER

## (57)Abstract:

**PURPOSE:** To eliminate an imperfect screw part by calculating imperfect screw part length due to the acceleration constant of a tool rest at the start of thread cutting, and starting the thread cutting work at a point in time when a cutting tool separate from a workpiece by the calculated value.

**CONSTITUTION:** The figure shows an invented flow. In a step 21, a program is generated by using a drawing which contains a desired work shape and in a step 22, the generated program is inputted. In a step 23, a numeric controller calculates imperfect screw part length according to the input work program. in a step 24, the initially inputted program is corrected on the basis of the calculation result of the step 23. Then, the numeric controller sends commands successively on the basis of the corrected program in a step 25 and under those commands, a machine tool performs thread cutting work.



## LEGAL STATUS

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